BIOMR

Biology-Materials-Reagents

Matériels et Réactifs de laboratoire d'analyse médicale



NEWS

Garantie 2 ans

BT 1600

THE NEW GENERATION OF THE CHEMISTRY ANALYZER

ThenewBT1600Small, Powerful and alwaysready.

The compatible benchtop Analyzer for all Labs. LED light source guarantees long life and stability.



05-55-00-12-50
040-33-90-14
biomr.commercial@gmail.com

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BT1600

TECHNICAL SPECIFICATIONS

ANALYSES TYPE	Clinical Chemistry, Turbidimetric, ISE (only BT1600i)
THROUGHPUT	up to 240 Chem.Tests/hr + up to 180 ISE Tests/hr (only BT1600i)
TEST MODES	Random Access, Batch, STAT
ISE MODULE	Na, K, Cl (indirect potentiometry) (only BT1600i)
WATER AND DETERGENT CONSUMPTION	System solution 1200mL/hr± 20%, detergent 100mL/hr±20%
CUVETTES NUMBER (6 mm glass)	45/4 sectors, non-disposable
REAGENTS POSITIONS	80 Total, 40 using 50 mL vessels + 40 using 10 or 20 mL vessels
BAR CODE	1 For Reagents and Samples (Optional)
REFRIGERATED REAGENT BAY	from 10 to 15°C
REACTION VOLUME	from 180 to 380 µL
SAMPLE VOLUME	from 2.0 to 200 µL
SAMPLING ARMS	1
CRASH SENSOR	YES
SAMPLE TRAY # OF POSITIONS	60 Total, in six sector, refrigerated
STANDARD & CTRL # OF POSITIONS	60 Total, in the samples tray, refrigerated
SAMPLE PRE-DILUITION	YES
SERUM / REAGENT REFRIGERATOR	YES
CROSS CONTAMINATION SOFTWARE MANAGEMENT	
CLOT SENSOR	YES
PHOTOMETER	Solid state 14 Channel 340-800nm+reference channel and OPTICAL (340,380,405,436,480,510,546,578,600,630,660,700,740,800nm
PHOTOMETER LED LAMP	YES
PHOTOMETER LINEARITY	Up to 3.0 OD
PHOTOMETER SENSITIVITY	± 0.001 Abs.
DILUTER	1 - Long Life Ceramic: 340µL (samples and reagents)
DILUTER RESOLUTION	0.1 µL
VACUUM PUMP SYSTEM	Internal
SEPARATED WASTE TANKS	YES
REMOTE DIAGNOSTICS	YES
COMPUTER	Optional External PC (see below speci cation)
PERIPHERALS	Optional, on request printer & UPS (900 W)
INTERFACE	1 USB 2.0 to PC
DIMENSIONS	Height 19.7", Width 33.5", Depth 23.6" (50x85x60 cm)
WEIGHT	143 lbs (66 kg)
POWER SUPPLY	Universal input 100-240 Vac, 50-60 Hz, 800W, PFC
FLOOD SENSOR	YES
CUVETTE TEMP. CONTROL	Dry system OFF/37°C (±0.2°C)
MAINTENANCE	Software-assisted
TEST DIRECTORY	Up to 500+ relationship tests
BUILT-IN QC PROGRAM	3levelsknown,3levels unknown

EXTERNAL PC MINIMUM REQUIREMENTS

OPERATIVE SYSTEM	Windows®10Professional english (64 bit)
COMPUTER	Desktop/Laptop Windows compatible (optional)
PROCESSOR	Intel I3, 1.9 GHz or more
RAM	4GB
DISPLAY	Color, min. resolution 1366x768, (1024x768 for
HOST COMMUNICATION	Laptop) RS232, Ethernet
USB	6 USB 2.0 (4 USB 2.0 for Laptop)
PRINTER	Windows® Compatible color printer
HD	>250GB

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